

Cat-a-pults - Aug. 24,25,26,27,28, Sept. 1,2,3,4

In this exciting, hands-on workshop, students will learn catapult basics and test the principles! This class was such a hit last year that we just have to offer it again. Visit the Lego Castle exhibit afterwards to extend your fun.

Under the Microscope - Sept. 8,9,10,11,15,16,17,18,

Come and explore the amazing, hidden world of things too small to study with the naked eye! View insect wings, antennae and legs. See pollen and the inside of plant stems, and discover pond water teeming with life! **Registration is limited.**

I.D.E.A. -Sept. 21,22,23,24,29,30, Oct. 1,2

I.D.E.A. is an Invention, Design and Exploration Adventure! Students will use the scientific method as they solve an engineering challenge!

It's a Small World - Oct. 5,6,7,9,13,14,15,16

At the molecular level, nanotechnology involves creating and using structures, devices, and systems that have very unique properties. Come learn about the NANO world and the many ways it impacts your daily life.

Our Colorful World - Oct. 19,20,21,22,23,27,28,29,30

What is a rainbow? Why is an apple red or green? Join us as we explore the properties of light and color.

Recipe for Weather - Nov. 2,3,4,5,6,10,11,12,13

What do you get when you mix together humidity, clouds and a low pressure system? Come and explore the ever changing world of weather including tornadoes, hurricanes, blizzards and more.

It's Elementary, Dear Watson - Nov. 16,17,18,20,24,25

Back by popular demand!

Was Sherlock Holmes using the scientific method to solve crimes? In this workshop, students will learn the steps of the scientific method and how to apply them to solve a problem. They will observe, predict, conduct an experiment, collect data, and present their conclusions.

It's About Time! - Nov. 30, Dec 1,2,3,4,8,9,10,11

How long is a minute? What is leap year all about? Does daylight savings time really save time? Explore the world of time and time zones. Create your own way to measure time without using a clock.

What is a Robot? - Jan. 11,12,13,15,19,20,21,22

The word "robot" conjures up a whole world of interesting possibilities. What are they used for? Will they replace humans? Experiment with robots, robot arms and more as you learn about the many types and uses. Create a simple device to take home for further explorations.

Let's Get Swinging - Jan. 25,26,27,28,29, Feb. 2,3,4,5

Throughout history, pendulums have been used for all kinds of great things like clocks, and showing that the earth spins! Now you can experiment with what happens to a pendulum's swing if you change certain variables.

Surfing the Oceans - Feb 8,9,10,12,16,17,18,19

We know more about Mars than the Earth's oceans! Let's dive in and learn a little more about this body of water and its amazing inhabitants.

Beaks and Feet - Feb 22,23,24,25,26, March 2,3,4,5

Why do ducks have webbed feet and eagles don't? Why does a humming bird have such a long beak? Join us and explore unique animal beaks and feet and how they are important for each animal's survival.

Beautiful Butterflies - March 8,9,10,11,12

Learn all about the metamorphic stages of the Painted Lady Butterfly. Leave for home with larva and a habitat that you made so the whole family can witness this marvelous transformation.

Materials fee of \$5.00 per family will be charged.

Registration closes February 5, 2010.

The Power of the Sun -

March 22,23,24,25,26,30,31, April 1,2

With all of the talk about "going green", it's time to explore the world of solar energy and learn how it can be part of your future.

Oh, the Pressure! - April 5,6,7,8,9,13,14,15

Can you put an egg in a bottle? Have you ever levitated a table or crushed a can without touching it? We can do all that and more as you explore the awesome power of air pressure.

What a Team! - April 19,20,21,22,23,27,28,29,30,

Thanks goodness for the Wright Brothers and Bernoulli - how else could we travel coast to coast in hours instead of days!

Through a variety of hands-on experiments, let's explore flight and the principles that Bernoulli discovered years ago!

Shake, Rattle and Roll - May 3,4,5,6,7,11,12,13,14

Here on the surface of the Earth, we go about our daily activities not realizing that beneath our feet is a very restless earth. Get the inside scoop about earthquakes - why they happen, and where they are located around the world.